

L1 ANSWER 64 OF 518 CA COPYRIGHT 2005 ACS on STN  
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 TI Method for performing photopolarization of filling adhesive materials  
 hardening under light  
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 PA Russia  
 SO Russ., No pp. given  
 CODEN: RUXXE7  
 DT Patent  
 LA Russian  
 IC ICM A61N005-067  
 ICS A61K006-083  
 CC 63-7 (Pharmaceuticals)  
 FAN.CNT 1

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PI	RU 2178320	C1	20020120	RU 2001-108438	20010402
PRAI	RU 2001-108438		20010402		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
RU 2178320	ICM	A61N005-067
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AB The method involves use of laser radiation. Low intensity laser radiation  
 of 0.473 .mu.m wavelength and 15-20 mW is applied for hardening filling  
 adhesive materials in pulsating mode with internal resonance duplication  
 at 50-60 Hz frequency and exposure time equal to 60-120 s by delivering  
 laser radiation by means of a **flexible glass** fiber  
 light-guide to the root canal orifice. This results in reliable and  
 durable sealing of dentinal tubules and dental root canals.  
 ST dental adhesive photopolarization laser radiation light guide  
 IT Dental materials and appliances  
 (adhesives; photopolarization of filling adhesive materials hardening  
 under laser light)